

## Preface

### Purpose and Scope

This manual serves as a reference document for combat net radio (CNR) systems. It does not replace field manuals governing combat, combat support (CS), or combat service support (CSS) unit tactical deployment or technical manuals on equipment use. This manual provides guidance for using single-channel radios on the modern battlefield. It addresses planning and operating techniques and considerations to ensure full interoperability of new generation frequency-hopping (FH) radios with the previous generation and with allied nation single-channel radios. It also addresses FH radios in the single-channel mode.

This manual describes new systems being fielded and provides specific doctrinal uses for each of those systems. This manual describes equipment setups and planning steps for CNR systems. It also suggests items to consider for battalion and brigade standing operating procedures (SOPs).

This manual is intended for operators, supervisors, and planners to provide a common reference for new CNR radios. It gives operators and supervisors basic guidance and operating instructions. It also gives the system planner the necessary steps for network planning, interoperability considerations, and equipment capabilities.

### User Information

The proponent of this publication is HQ TRADOC. Your comments on this publication are encouraged. Submit changes for improving this publication on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and key them to pages and lines of text to which they apply. If DA Form 2028 is not available, a letter is acceptable. Provide reasons for your comments to ensure complete understanding and proper evaluation. Forward your comments to Commander, United States Army Signal Center and Fort Gordon, ATTN: ATZH-DTL, Fort Gordon, Georgia 30905-5075.